Index of Claims

| App | olica | tion | Contro | ol No. |
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10/791,283

Examiner

Stacy B. Chen

Applicant(s)/Patent under Reexamination

BARTOSCH ET AL.

Art Unit

1648

| <b>√</b> | Rejected |
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|          | Allowed  |

| _ | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| ÷ | Restricted                     |

| Z | Non-Elected  |  |
|---|--------------|--|
| _ | Interference |  |

| A | Appeal   |
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| o | Objected |

|             |          |                                     |              |          |  |  | •        |           |          |           |                  |          |              |  |          |                     |          |          |                 |          |          |          | •          |                 |          |  | _  |
|-------------|----------|-------------------------------------|--------------|----------|--|--|----------|-----------|----------|-----------|------------------|----------|--------------|--|----------|---------------------|----------|----------|-----------------|----------|----------|----------|------------|-----------------|----------|--|----|
| Cli         | aim      |                                     |              |          |  | Dat  | e        |           |          |           |                  | laim     | $oxed{oxed}$ |  | _        | _ [                 | ate      | ,        |                 | -        |          | CI       | aim        | <u> </u>        | _        |  | _[ |
| Final       | Original | 3/13/05                             |              |          |  |  |          |           |          |           | High<br>Figure 1 | Original |              |  |          |                     |          |          |                 |          |          | Final    | Original   |                 |          |  |    |
|             | 1        | +                                   |              |          |  |  |          |           |          |           |                  | 51       |              |  |          |                     |          |          |                 |          |          |          | 101        |                 |          | $\perp$  |    |
|             | 2        | +                                   |              |          |  |  | L        |           |          |           |                  | 52       |              |  |          | Ш                   |          |          |                 |          |          | L        | 102        | $\sqcup$        |          | $\bot$   | ╝  |
|             | 3        | +                                   |              |          | L  |  |          |           |          |           |                  | 53       | <u> </u>     |  | _        | $\square$           |          | _        | _               |          | _        |          | 103        | Ш               | $\perp$  |  |    |
|             | 4        | +                                   |              |          | L  | _  | L        | Щ         | _        |           |                  | 54       | <u> </u>     | <u></u>  | <u> </u> | Щ                   |          | _        |                 | _        | _        | <u> </u> | 104        | 1_1             | 4        | $\bot$   | _  |
|             | 5        | +                                   | lacksquare   |          | <u> </u>   | ↓_   | _        | Ш         | _        | _         |                  | 55       | ╄-           | _  | L        |                     | $\Box$   | _        |                 | -        | _        |          | 105        | $\vdash \vdash$ | +        | +  | 4  |
|             | 6        | +                                   | _            | ·        | ┡  | <u> </u>   | <u> </u> | $\vdash$  | -        | _         | _                | 56       | ╄-           | _  | <u> </u> | -                   | $\dashv$ | $\dashv$ |                 | -        | 4        |          | 106        | $\vdash$        | +        | +  | 4  |
|             | 7        | +                                   |              |          | ⊢  | ⊢  | ├        | Н         | $\dashv$ | -         |                  | 57       | ╁            | _  | <u> </u> | $\vdash \vdash$     | $\dashv$ | $\dashv$ |                 | -        | -        | <u> </u> | 107<br>108 | $\vdash$        | +        | +  | 4  |
| -           | 8        | +                                   | $\vdash$     |          | ├  | ⊢  |          | Н         | $\dashv$ | -         | -                | 58<br>59 | ┼            | <u> </u>   | ┝        | $\vdash$            | $\dashv$ | $\dashv$ | -               | -        |          |          | 109        | ┝               | +        | +  | 4  |
| -           | 10       | +                                   | -            |          | ├─   | ╁  |          | Н         |          |           |                  | 60       | +            | $\vdash$   | ┝        | H                   |          | -        |                 | _        | -        |          | 110        | $\vdash$        | -+       | +  | -  |
| $\vdash$    | 11       | Ť                                   | -            | -        |  | ╁  | ┢        | H         | $\dashv$ |           |                  | 61       | +-           | $\vdash$   | $\vdash$ | Н                   | $\dashv$ | -        | $\dashv$        | $\dashv$ | $\dashv$ |          | 111        | $\vdash$        | +        | +  | -  |
| -           | 12       | ╁                                   | $\vdash$     | $\vdash$ | <del> -</del>                                    | +-   | $\vdash$ | H         | $\dashv$ | ᅥ         | _                | 62       | +            |  | $\vdash$ | H                   | -        |          | $\vdash \dashv$ | -+       |          | $\vdash$ | 112        |                 | +        | +  | _  |
|             | 13       |                                     | $\vdash$     | H        | $\vdash$   | <del>                                     </del> | $\vdash$ | H         | $\dashv$ | $\dashv$  | -                | 63       | +            |  | Н        | H                   | $\dashv$ | $\dashv$ |                 | _        | $\dashv$ |          | 113        |                 | $\top$   | +  | -  |
|             | 14       | $\vdash$                            | $\vdash$     | Н        | T  | T  | t        | H         | $\dashv$ | $\dashv$  |                  | 64       | $\dagger$    | H  | <u> </u> | $\vdash$            | $\neg$   |          | $\exists$       | $\dashv$ | $\neg$   |          | 114        | $\vdash$        | 十        | 十  | _  |
|             | 15       | $\vdash$                            | Т            | Г        | <del>                                     </del> | <del>                                     </del> | l        | Н         | 一        | ┪         |                  | 65       | 1            |  | Г        | П                   |          | $\neg$   |                 |          | $\neg$   |          | 115        | $\Box$          | $\top$   | 十  | _  |
|             | 16       | T                                   |              | Г        |  | 1  |          |           |          |           |                  | 66       | 1            | Π  |          |                     | $\neg$   |          | $\Box$          | T        |          |          | 116        | $\sqcap$        | $\neg$   | 丁  | _  |
|             | 17       |                                     |              |          |  | Τ  |          |           | T        |           |                  | 67       | $\top$       |  |          |                     |          |          |                 |          |          |          | 117        | $\Box$          |          |  |    |
|             | 18       |                                     |              |          |  |  | T        |           | $\neg$   |           |                  | 68       | Т            |  |          |                     |          |          |                 |          |          |          | 118        | П               |          | П  |    |
|             | 19       |                                     |              |          |  |  |          |           |          |           |                  | 69       |              |  |          |                     |          |          |                 |          |          |          | 119        |                 |          | $\perp$  |    |
|             | 20       |                                     |              |          |  |  |          |           |          |           |                  | 70       |              |  |          |                     |          |          |                 |          |          |          | 120        |                 |          |  |    |
|             | 21       |                                     |              |          |  | L  | L        |           |          |           |                  | 71       |              | $oxed{oxed}$                                     |          |                     |          |          |                 |          |          |          | 121        | Ш               |          | $\perp$  |    |
|             | 22       |                                     | $oxed{oxed}$ |          |  |  |          |           |          |           |                  | 72       |              | $oxed{oxed}$                                     | L        | Ш                   |          | _        |                 |          | _        |          | 122        | $\sqcup$        | 丄        | 丄  | _  |
|             | 23       | _                                   | L            |          |  |  |          |           |          |           |                  | 73       |              |  | <u>L</u> |                     | _        | _        |                 |          | _        | <u> </u> | 123        | $\sqcup$        | 4        | $\bot$   | _  |
|             | 24       | ᆫ                                   |              |          |  | ┖  | L        |           | _        | _         | <u> </u>         | 74       | _            |  |          | Щ                   | _        | _        |                 | _        | _        |          | 124        | $\vdash$        | 4        | _  | _  |
|             | 25       | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | <u> </u>     |          |  | ㄴ  | ļ        |           | _        | 4         | <u> </u>         | 75       | _            |  |          | $\sqcup$            | _        | _        |                 | _        | _        |          | 125        | $\vdash$        | 4        |  | _  |
|             | 26       | _                                   | L            |          |  | <u> </u>   |          |           | _        | 4         | <u> </u>         | 76       | ╄            | _  |          | $\dashv$            | $\dashv$ | 4        | _               | 4        | $\dashv$ |          | 126        | $\vdash$        | +        |  |    |
|             | 27       | _                                   | <u> </u>     |          | <u> </u>   | -  |          | Н         | -        | -         | -                | 77       | ┼            | _  | _        | $\vdash$            | -        | _        |                 | _        |          | <u> </u> | 127        |                 | +        | +  | _  |
| _           | 28       | <u> </u>                            | <u> </u>     |          | ⊢  | ⊢  | —        | -         | $\dashv$ | $\dashv$  | -                | 78       |              |  |          |                     | -        | -        | $\dashv$        | +        | $\dashv$ |          | 128<br>129 | -               | +        | +  | _  |
| -           | 29<br>30 |                                     | <u> </u>     | _        | ┝  | ⊢  |          |           | +        | $\dashv$  | -                | 79<br>80 | ╁            | -  |          | Н                   | $\dashv$ |          |                 | -        | $\dashv$ | -        | 130        | $\vdash$        | ┿        | +  | -  |
| -           | 31       | -                                   | <del> </del> |          | $\vdash$   | ┢  | -        |           | $\dashv$ | 4         | -                | 81       | ╁            | $\vdash$   |          | $\vdash$            | $\dashv$ | $\dashv$ | $\dashv$        | ┥        | $\dashv$ |          | 131        | $\vdash$        | +        | +  | _  |
| -           | 32       | -                                   | $\vdash$     |          | $\vdash$   | ╁╌   |          | $\dashv$  | $\dashv$ | ᅥ         | -                | 82       | +            | -  |          | $\vdash$            | $\dashv$ | $\dashv$ | $\dashv$        | $\dashv$ | $\dashv$ |          | 132        | $\vdash$        | +        | +  | -  |
| -           | 33       | -                                   | $\vdash$     |          |  | ╁┈   | -        | $\vdash$  | $\dashv$ | ┪         | $\vdash$         | 83       | 1            | -  |          | Н                   |          | $\neg$   | $\dashv$        | $\dashv$ | ┦.       |          | 133        |                 | ╅        | +  | -  |
| <del></del> | 34       | ┢                                   | H            |          | ┢─   | t  |          | $\dashv$  | $\dashv$ | $\dashv$  |                  | 84       | $\top$       | <del>                                     </del> | -        | $\vdash$            | $\dashv$ | $\neg$   |                 | $\dashv$ | $\dashv$ |          | 134        | $\vdash$        | $\dashv$ | 十  | _  |
|             | 35       |                                     | $\vdash$     | Т        | Т  | T  | Г        | $\Box$    | $\dashv$ | $\dashv$  |                  | 85       | $\top$       | T  |          | $\Box$              | 1        | $\dashv$ |                 | 7        | $\dashv$ |          | 135        |                 | 十        | $\top$   | _  |
|             | 36       | Ι-                                  | Г            | Т        |  | †  | $\Box$   |           | $\dashv$ | $\dashv$  |                  | 86       | T            |  |          | П                   | 寸        | ヿ        |                 | 1        | $\neg$   |          | 136        |                 | $\top$   | $\top$   | _  |
|             | 37       |                                     | Г            |          |  | t  | $\Box$   |           | 寸        | $\exists$ |                  | 87       | 1            |  | П        |                     | $\neg$   | $\neg$   |                 | _        | $\neg$   |          | 137        |                 | _        | 丁  | _  |
|             | 38       |                                     |              |          |  |  |          |           |          |           |                  | 88       |              |  |          |                     |          |          |                 |          |          |          | 138        |                 | I        | $oldsymbol{ol}}}}}}}}}}}}}}$ | _  |
|             | 39       |                                     |              |          |  |  |          |           |          |           |                  | 89       |              |  |          |                     |          |          |                 | ╛        |          |          | 139        |                 | Ι        | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{\Box}}}$  |    |
|             | 40       |                                     |              |          |  |  |          |           |          |           |                  | 90       |              |  |          |                     |          |          |                 |          |          |          | 140        |                 |          | $\perp$  | _  |
|             | 41       |                                     |              |          |  |  |          |           |          |           |                  | 91       |              | $oxed{\Box}$                                     |          |                     |          |          |                 | $\Box$   |          |          | 141        | $\Box$          |          | $\bot$   | _  |
|             | 42       |                                     | oxdot        |          |  | $\Box$   | 匚        |           | $\Box$   | _]        |                  | 92       |              | oxdot  |          | oxdot               | [        |          | $\Box$          | $\bot$   | _        | L        | 142        | Ш               |          | $\perp$  |    |
| <u> </u>    | 43       | <u> </u>                            | L            | _        | <u> </u>   | <u> </u>   | L        |           | $\perp$  | $\Box$    | $\vdash$         | 93       |              | $oxed{oxed}$                                     | Ш        | Ш                   |          |          |                 | _        | _        | L        | 143        | $\sqcup$        |          | 4  | _  |
| <u></u>     | 44       | <u> </u>                            |              | L.,      |  | $oldsymbol{oldsymbol{oldsymbol{eta}}}$           | Щ        | $\Box$    | _        | $\Box$    | $\vdash$         | 94       | ↓            | $oxed{oxed}$                                     |          | Ш                   |          |          |                 | _        | _        | <u> </u> | 144        | $\sqcup$        | _        | 4  | _  |
| <u> </u>    | 45       | <u> </u>                            | Ш            |          |  | <u> </u>   | _        |           | _        | _[        | L                | 95       |              | _  | $\vdash$ |                     | _        | _        | $\Box$          | _        |          | <u></u>  | 145        | $\vdash$        | _        | $\bot$   | _  |
| <u> </u>    | 46       | <u> </u>                            | Ш            | Ш        |  | $\vdash$   | _        |           | $\dashv$ | _         | <u> </u>         | 96       | $\bot$       | $\vdash$   | <u> </u> | $\sqcup$            |          | _        | $\dashv$        | $\dashv$ |          | <b></b>  | 146        | $\vdash \vdash$ | +        | +  | _  |
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| ļ           | 48       | <u> </u>                            | $\vdash$     |          | ļ  | <b> </b>   |          | $\square$ | -        | 4         | <u> </u>         | 98       |              | H  |          | $\mid - \mid$       | _        | $\dashv$ | $\dashv$        | $\dashv$ | $\dashv$ | -        | 148        | $\vdash$        | +        | +  | _  |
| <u> </u>    | 49       | $\vdash$                            | Щ            | $\sqcup$ | _  | <u> </u>   | $\vdash$ | $\vdash$  | $\dashv$ | $\dashv$  | $\vdash$         | 99       |              | $\vdash$   | _        | dash                | -        |          |                 |          | ႕        | <b>-</b> | 149<br>150 | $\vdash$        |          | +  | _  |
| L           | 50       | <u> </u>                            |              |          | <u> </u>   | Щ  |          |           |          |           |                  | 100      | <u>'</u>     | Ш  | ш        | Ш                   |          |          |                 | 1        |          |          | 150        | ш               |          | Щ  | _  |

| CI             | aim  | Date     |  |              |                                     |  |            |          |          |                 |  |  |  |
|----------------|--|----------|--|--------------|-------------------------------------|--|------------|----------|----------|-----------------|--|--|--|
|                |  |          |  | Γ            | Γ                                   |  |            |          |          |                 |  |  |  |
| _ <del>a</del> | Original   |          |  |              |                                     |  |            |          |          |                 |  |  |  |
| Final          | įģ   |          |  |              |                                     |  |            |          |          | i I             |  |  |  |
| "-             | ō  |          |  |              |                                     |  |            |          |          |                 |  |  |  |
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|                | 103  | L        |  | <u> </u>     | _                                   | _  |            |          |          | Ш               |  |  |  |
|                | 104  | L        |  | _            |                                     |  | <u> </u>   |          | L_       | Н               |  |  |  |
|                | 105<br>106<br>107                                    |          | _  | _            | _                                   |  | _          |          | _        | Ш               |  |  |  |
| <u> </u>       | 106  |          |  | <u> </u>     |                                     | _  |            |          | Ŀ        | Щ               |  |  |  |
|                | 107  |          |  |              | L                                   |  |            |          |          | Ш               |  |  |  |
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| $\vdash$       | 115  |          | Г  | T            |                                     |  | T          |          | $\vdash$ | М               |  |  |  |
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|                | 119  | $\vdash$ | -  | -            | $\vdash$                            | -  |            | -        |          | H               |  |  |  |
|                | 119<br>120<br>121<br>122<br>123<br>124<br>125<br>126 | $\vdash$ | <u> </u>   | _            | _                                   | _  | _          |          |          | Н               |  |  |  |
|                | 121  | _        | ├—   | -            | $\vdash$                            | <u> </u>   | _          |          |          | Н               |  |  |  |
|                | 122  | $\vdash$ | _  | <u> </u>     | <u> </u>                            | <u> </u>   | <u> </u>   | _        |          | Н               |  |  |  |
| <u> </u>       | 123  | _        | <u> </u>   | _            | ļ                                   | <u> </u>   | _          |          |          | -               |  |  |  |
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|                | 127<br>128<br>129                                    |          |  | _            | <u> </u>                            |  |            | _        |          | Ш               |  |  |  |
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|                | 137  | г        |  |              |                                     |  |            |          |          | П               |  |  |  |
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| ļ              | 146  | Ш        | <u> </u>   | <u> </u>     | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | L_   | <u> </u>   |          | <u> </u> | Ш               |  |  |  |
|                | 147  |          | _  | _            | L.                                  | Щ  | <u> </u>   |          | ļ        |                 |  |  |  |
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|                | 149  |          |  | L            |                                     | L  |            |          |          |                 |  |  |  |
|                | 150  |          | L  |              |                                     |  |            |          | L        |                 |  |  |  |